

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Ceiling Dampers

LISTEE: Greenheck Fan Corp, 400 Ross Ave, Schofield, WI 54476-0410
Contact: Marty Gissel (715) 355-6611 FAX (715) 355-3954

DESIGN: Models CRD-310, -310L, -320, -320L, -350, and -360 ceiling dampers . These dampers are intended for installation only with listee's Model SP ceiling exhaust fans in lieu of hinged door dampers in fire resistant floor-ceiling or roof-ceiling designs which contain air ducts and specify hinged door type dampers over each duct outlet. Models with suffix "L" are intended for installation with listee's lighted grille in addition to the fan. Ceiling dampers function as a heat barrier in air handling penetrations through fire resistive ceilings and are intended to maintain the fire resistive integrity of the ceiling. Refer to listee's data sheet for additional detailed product description and operational considerations.

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, and UL label.

APPROVAL: Listed as ceiling dampers for use in fire resistive floor-ceiling or roof-ceiling assemblies with a restrained or unrestrained assembly rating of 3 hours or less. Refer to listee's Installation Instruction Manual for details.

NOTE: Leakage rating not evaluated. Refer to CSFM Listing Category 3230 for listed leakage dampers.

03-01-04



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

JUNE 21, 2004

*Listing Expires **June 30, 2005***

Authorized By:

DIANE K. AREND, Senior Deputy
Program Manager